

15 DEC 1981

STAT



"Utilities Alternatives"

Dear Sir:

This letter is to serve as confirmation of verbal agreements resulting from our 14 December telephone conversation.

The study will focus on Model II rather than Model I. In place of Model I will be a model for a central utility facility capable of serving Model II as well as the building originally described as Model I. The purpose of the change is to demonstrate the relative costs and complexities of combined versus independent utility systems.

Questions arising from uncertainties concerning local commercial power availability will make it necessary to address the effect of varying commercial availability on system designs. If this presents a significant increase in computational load, qualitative answers will suffice.

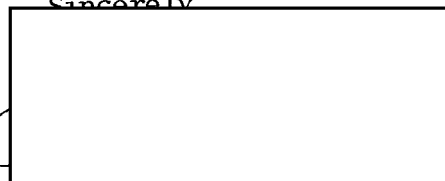
With respect to power density and allocation in machine areas, it is understood that machine loads will be assumed as 32 watts/sq ft with 20 percent allocated to 415 Hz and 80 percent to 60 Hz.

The report should incorporate the rationale for excluding most of the water and sewage considerations from the study.

The Model II construction will be assumed to be poured, reinforced concrete with pre-cast concrete exterior. The contractor will assume building insulation to be typical of modern, energy-efficient building design.

I look forward to the technical review scheduled for 12 January in Washington. Please advise when your itinerary is known so that I can schedule facilities for your visit.

Sincerely,



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